

STC 34

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA530NW

This certificate, issued to ONTARIO FLIGHT SERVICE, INC.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 3A21
Make: Cessna
Model: T210L

Description of Type Design Change: Installation of a McCauley D3A34C402/90DFA-10 propeller on a Continental TSI0-520-H engine in accordance with Ontario Flight Service, Inc., photographs 1 and 2.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Cessna T210L Serial Number 210 59798 only. A copy of this Certificate and Addendum SA530NW shall be maintained as part of the permanent records for the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 28, 1977

Date received:

Date of issuance: October 4, 1977

Date amended:



By direction of the Administrator
Charles C. Schroeder
(Signature)

Chief, Engineering and Manufacturing Branch
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

October 4, 1977 *Number* SA530NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA530NW

The conditions and limitations of Type Certificate Data Sheet 3A21 apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA530NW prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this Addendum shall be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Ontario Flight Service, Inc.

I. CESSNA T210L (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA530NW

Engine:	Continental TSI0-520-H
Engine Limits:	285 HP at 2700 rpm and 32.5 Hg M.P. at 19,000 feet. Maximum Continuous Power - 265 HP at 2700 rpm and 32.5 Hg M.P. Take Off Rating for 5 min. - 285 HP at 2700 rpm and 32.5 Hg M.P.
Fuel:	100 to 100LL minimum grade aviation gasoline
Propeller:	McCauley D3A34C402/90DFA-10
Propeller Limits:	310 HP at 2700 rpm (Takeoff) and 285 HP at 2600 rpm maximum continuous power.
Serial Number Eligible:	210 59798 only
Airspeed Limits:	Same as specified in Data Sheet 3A21
Maximum Weight:	Same as specified in Data Sheet 3A21
Placards:	AVOID CONTINUOUS OPERATION BETWEEN 1850 AND 2150 RPM FOR POWER SETTINGS ABOVE 24" MANIFOLD PRESSURE.

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.

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